Index of Claims

Allowed

| Applica | atio | nic. | antra | l Na |
|---------|------|------|-------|------|
| Applica | auv  | 1110 | 01140 |      |

10/806,530 Examiner

**Gregory Pickett** 

Applicant(s)/Patent under Reexamination

TOMMARELLO ET AL.

Art Unit

3728

Rejected

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** 0 Objected

|          | Claim Date                             |                                                  |          |              |          |              |               |          |          |          |
|----------|----------------------------------------|--------------------------------------------------|----------|--------------|----------|--------------|---------------|----------|----------|----------|
| Ula      | 1011                                   | -                                                |          |              | _        | Dat          | <del>-</del>  | _        | _        | _        |
| Finat    | Original                               | 20/8/2                                           |          |              |          |              |               |          |          |          |
|          | 1                                      | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            |          |              |          |              |               |          |          |          |
|          | 1<br>2<br>3<br>4<br>5                  | V                                                |          |              |          |              |               |          |          |          |
|          | 3                                      | 1                                                |          |              |          |              |               |          |          |          |
|          | 4                                      | 1                                                |          |              | L        |              |               |          | L        |          |
|          |                                        | 1                                                |          |              |          |              |               |          |          |          |
|          | <u>6</u><br>7                          | 1                                                |          |              | _        |              | _             |          |          |          |
|          | 7                                      | 1                                                | _        | _            | <u></u>  | L            | 匚             | <u> </u> | <u> </u> | <u> </u> |
| $\vdash$ | 8                                      | 1                                                |          | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>      | <u> </u> | <u> </u> | $\sqcup$ |
|          | 9                                      | ļ,                                               | _        |              | L        | <u> </u>     | <u> </u>      | <u> </u> | <u> </u> | $\sqcup$ |
|          | 10                                     | \ \ \                                            | <u> </u> | -            | ⊢        | L            | ⊢             | ⊢        | ⊢        | $\vdash$ |
| ·        | 11                                     | 1                                                | <u> </u> |              | ├        | -            | ⊢             | ├        | ┡        | _        |
|          | 12                                     | <b>  </b>                                        | $\vdash$ | -            | $\vdash$ | -            | ⊢             | $\vdash$ |          | $\vdash$ |
| _        | 11<br>12<br>13<br>14<br>15<br>16<br>17 | ├—                                               | -        | <del> </del> | ├-       | -            | <del> -</del> | ├-       | $\vdash$ | H        |
|          | 15                                     | -                                                | ⊢        | -            | ⊢        | ⊢            | $\vdash$      | ⊢        |          | -        |
| -        | 16                                     | -                                                | -        | -            | ┢        | ┢            | ⊢             | $\vdash$ | ⊢        | -        |
|          | 17                                     |                                                  | $\vdash$ | _            | ┢        | ┢            | ⊢             | $\vdash$ | $\vdash$ | H        |
|          | 18                                     | -                                                | $\vdash$ |              | $\vdash$ | $\vdash$     | $\vdash$      | $\vdash$ | $\vdash$ | $\vdash$ |
|          | 19                                     | $\vdash$                                         | $\vdash$ | $\vdash$     | $\vdash$ | -            | $\vdash$      | $\vdash$ |          | Н        |
|          | 20                                     | 1                                                |          |              |          | T            | T             | <u> </u> |          |          |
|          | 20<br>21                               | <del>                                     </del> | _        |              | $\vdash$ |              | 一             |          |          |          |
|          | 22                                     |                                                  |          | Г            |          |              |               |          |          |          |
|          | 22<br>23                               |                                                  |          |              |          | Π            | Г             |          |          |          |
|          | 24                                     |                                                  |          |              |          |              |               |          |          |          |
|          | 25                                     |                                                  |          |              |          |              |               |          | ٠        |          |
|          | 26                                     | L.                                               |          | <u> </u>     |          | L            | L             | L        |          |          |
|          | 27                                     |                                                  |          | <u> </u>     | <u> </u> | <u> </u>     | ㄴ             | <u> </u> | L_       |          |
|          | 28<br>29<br>30                         |                                                  |          | <u> </u>     | _        |              | _             | _        | L_       |          |
|          | 29                                     | _                                                |          | <u> </u>     | <u> </u> | _            | _             | _        | _        | Н        |
|          | 30                                     | _                                                |          | <u> </u>     | <u> </u> | <u> </u>     | _             | _        | <u> </u> | Н        |
|          | 31<br>32                               | _                                                | _        | <del> </del> | <u> </u> | <del> </del> | _             | _        |          | -        |
|          | 32                                     |                                                  | _        | -            | -        | -            | -             | <u> </u> | $\vdash$ | Н        |
|          | 33<br>34                               |                                                  |          | ┝            | -        | -            |               | $\vdash$ | ├-       | Н        |
|          | 35                                     | ┝                                                | -        | ⊢            | -        | $\vdash$     | -             |          |          | -        |
|          | 36                                     |                                                  |          | -            |          | ┢            | ┢             | _        | $\vdash$ | -        |
|          | 36<br>37                               |                                                  |          |              | _        |              |               |          |          | Н        |
|          | 38                                     |                                                  |          |              | _        |              | $\vdash$      |          |          |          |
|          | 39                                     |                                                  |          |              |          | $\vdash$     | $\vdash$      |          |          |          |
|          | 40                                     |                                                  |          |              |          |              |               |          |          |          |
|          | 41                                     |                                                  |          |              |          |              |               |          |          |          |
|          | 42                                     |                                                  |          |              |          |              |               |          |          |          |
|          | 43                                     | Щ                                                |          |              |          |              |               |          |          |          |
|          | 44                                     | Щ                                                |          |              | oxdot    | L            | L             |          | _        | Ш        |
|          | 45                                     | _                                                |          |              | <u> </u> | <u> </u>     | _             | _        | _        | Ш        |
|          | 46                                     | $\vdash$                                         |          | _            | <u> </u> | <u> </u>     | <u> </u>      | _        | Щ        | Щ        |
|          | 47                                     | _                                                |          | _            | <u> </u> | <u> </u>     | _             |          |          | Ш        |
|          | 48                                     | $\vdash$                                         |          | <u> </u>     | ├_       | <u> </u>     | <u> </u>      | <u> </u> | $\vdash$ | Н        |
|          | 49                                     | -                                                |          | _            | <u> </u> | <u> </u>     | -             | $\vdash$ | <u> </u> | Н        |
|          | 50                                     |                                                  |          | L            | L        |              | <u></u>       |          |          | ш        |

| Cla                | aim_     |          |                                     | _        | _ [      | Date         | е_       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | _            |
|--------------------|----------|----------|-------------------------------------|----------|----------|--------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
|                    |          |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
| l <del></del> -    | @        |          | l                                   | l        |          | l            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 1            |
| Final              | <u></u>  |          |                                     | l        |          | l            | l        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
| "                  | Original | l        |                                     | l        |          | l            | l        | l                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | l             |              |
|                    | ~        |          | l                                   | ĺ        |          | l            | l        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 1            |
|                    | 51       |          | -                                   | 1        |          | $\vdash$     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | _             | $\vdash$     |
| -                  | 51<br>52 | ├        | -                                   |          | ⊢        | ⊢            | ⊢        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -             | ├-           |
| ļ                  | 52       |          |                                     |          | L        | _            | L.       | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ļ             | <u> </u>     |
|                    | 53       | 1        |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 54       |          |                                     |          |          | Г            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 55       | $\vdash$ | ┢                                   | ┢        | $\vdash$ | ├─           | $\vdash$ | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$      | _            |
|                    |          | -        | ⊢                                   | ⊢        | -        | ⊢            | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | -            |
|                    | 56       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 57       | 1        |                                     |          | 1        | l            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 58       |          |                                     |          |          | Г            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\overline{}$ |              |
| _                  | 59       | _        | -                                   | ┢        | -        | -            | $\vdash$ | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _             | ⊢            |
| -                  | 39       | <u> </u> | ├                                   | ⊢        | <u> </u> | ⊢            | _        | ├                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b></b> -     | -            |
|                    | 60       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 61       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | _             | _            |
|                    | 62       |          |                                     |          |          | Г            | Г        | Γ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ι             |              |
| -                  | 63       | -        | $\vdash$                            | $\vdash$ | -        | -            | $\vdash$ | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -             | $\vdash$     |
| <u> </u>           | 03       | <u> </u> |                                     | <u> </u> | $\vdash$ | ⊢            | ⊢        | <b> </b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ├             | ├-           |
|                    | 64       | L        | $oxed{oxed}$                        |          | L        | L            |          | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ľ             | L            |
|                    | 65       |          |                                     |          | _        |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | I            |
|                    | 66       | $\vdash$ | $\vdash$                            | $\vdash$ | ┪        | Т            |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _             | $\vdash$     |
| -                  |          | -        |                                     | -        | $\vdash$ | $\vdash$     | ·        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$      | $\vdash$     |
| <u> </u>           | 67       | <u> </u> | -                                   | <u> </u> | ⊢        | <u> </u>     | _        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>      | <u> </u>     |
|                    | 68       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 69       |          |                                     |          |          | Г            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
| <b>—</b>           | 70       |          |                                     |          | $\vdash$ | _            | _        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$      | ┢            |
| -                  | 70       | -        | -                                   | -        | -        | ⊢            | -        | ├—                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ⊢             | -            |
|                    | 71       | <u> </u> |                                     |          | _        | <u> </u>     |          | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _             |              |
|                    | 72       | 1        |                                     | ı        | 1        |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1             | 1            |
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|                    | 74       | $\vdash$ | $\vdash$                            | $\vdash$ | $\vdash$ | ╌            |          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ┝             | ⊢            |
| -                  |          | <u> </u> | ⊢                                   | <u> </u> | <u> </u> | -            | -        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>      | -            |
|                    | 75       |          |                                     |          | <u> </u> | <u> </u>     | L        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>      |              |
|                    | 76       |          |                                     |          | i        |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | ı            |
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|                    | 78       |          | -                                   |          | _        | -            | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$      | $\vdash$     |
|                    | 70       |          | <u> </u>                            | Ь—       | _        | _            | <u> </u> | ├                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _             | <u> </u>     |
|                    | 79       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 80       |          | 1                                   |          |          |              | ١.       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | l             |              |
|                    | 81       |          | Г                                   | Г        |          |              | Г        | Г                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Г             |              |
| $\vdash$           | 82       | -        | ┢                                   | $\vdash$ | -        | -            | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -             | $\vdash$     |
| ļ                  |          | _        | $\vdash$                            | $\vdash$ | _        | <u> </u>     | <u> </u> | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>—</b>      | _            |
|                    | 83       |          | $oxed{oxed}$                        |          |          | $oxed{oxed}$ |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{le}}}}}}$ | _             | Ĺ            |
|                    | 84       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | _            |
|                    | 85       |          |                                     |          |          | Г            | П        | П                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | $\Box$       |
|                    | 86       | —        |                                     | $\vdash$ | -        | $\vdash$     | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -             | -            |
|                    | 00       |          | -                                   | -        | <u> </u> | $\vdash$     | $\vdash$ | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _             | $\vdash$     |
|                    | 87       |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | oxdot    |          | L.           | L_       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 88       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 89       |          |                                     |          |          | Г            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
| $\vdash$           | 90       |          | -                                   | -        | -        | $\vdash$     | -        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | <del> </del> |
| $\vdash$           |          | _        | _                                   | <u> </u> | <u> </u> | -            | <u> </u> | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | -            |
| $\perp \perp \mid$ | 91       |          |                                     | oxed     |          | L.           |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | L.           |
|                    | 92       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
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|                    | 94       | _        | ┝╌                                  | $\vdash$ | -        | H            | $\vdash$ | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -             | $\vdash$     |
| $\vdash$           |          |          | <b>—</b>                            | <u> </u> | -        | <u> </u>     | _        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>      | $\vdash$     |
|                    | 95       |          |                                     |          | _        | L            |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | _            |
|                    | 96       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
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| $\vdash$           |          |          | $\vdash$                            | -        | -        | $\vdash$     | $\vdash$ | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -             | <del></del>  |
| 1                  | 98       |          | $\vdash$                            | <u> </u> | -        |              |          | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u>      |              |
|                    | 99       |          |                                     |          |          |              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |
|                    | 100      |          |                                     |          |          | 1            |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |              |

|       | aim                                                                                                   | Data     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              | _                                                |               |          |
|-------|-------------------------------------------------------------------------------------------------------|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|--------------|--------------------------------------------------|---------------|----------|
| Uli   | ΔIIII                                                                                                 | Date     |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
| Final | Original                                                                                              |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 101<br>102<br>103<br>104<br>105<br>106                                                                |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 102                                                                                                   | _        | L        | L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L        |              | <u> </u>     | <u> </u>                                         |               | Ш        |
|       | 103                                                                                                   | <u> </u> | ⊢        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | <u> </u>     | _            | <u> </u>                                         | L             |          |
|       | 104                                                                                                   | H        | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -        | ⊢            | $\vdash$     | <del> </del>                                     | ⊢             | Н        |
|       | 105                                                                                                   | _        | $\vdash$ | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -        | ⊢            |              | -                                                | ⊢             | Н        |
|       | 107                                                                                                   | -        | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -        | ┢            | ┢            | -                                                | -             | Н        |
|       | 108                                                                                                   |          | $\vdash$ | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |              | 1            | Н                                                |               | Н        |
|       | 108<br>109<br>110<br>111<br>112<br>113<br>114<br>115                                                  |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 110                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 111                                                                                                   |          | _        | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ | _        | _            | <u> _</u>    | <u> </u>                                         | <u>L</u>      | Ш        |
|       | 112                                                                                                   |          | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u> | <u> </u>     | _            | _                                                | <u> </u>      |          |
|       | 113                                                                                                   | _        | _        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u> | <del> </del> | <u> </u>     | ┡                                                | ├             | $\vdash$ |
|       | 115                                                                                                   | _        | ┝        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -        | ├            | <del> </del> | ⊢                                                |               | Н        |
|       | 116                                                                                                   |          | H        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$ | -            | -            | ╌                                                | ┪             | Н        |
|       | 116<br>117                                                                                            |          | -        | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ┪        | $\vdash$     | -            |                                                  | $\vdash$      | Н        |
|       | 118                                                                                                   |          | <u> </u> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1        | ┢            |              |                                                  | $\vdash$      | П        |
|       | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 120                                                                                                   |          | ·        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 121                                                                                                   |          |          | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _        | _            |              | _                                                | _             | Ш        |
|       | 122                                                                                                   |          | <u> </u> | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u> |              |              |                                                  | <u> </u>      |          |
|       | 123                                                                                                   |          |          | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _        |              |              |                                                  | <u> </u>      | Н        |
|       | 124                                                                                                   |          |          | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\vdash$ | ┝            | ┝            | -                                                | ┈             | Н        |
|       | 126                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              | -            | -                                                | -             | Н        |
|       | 127                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | <u> </u>     | <b>—</b>     | _                                                | Н             | Н        |
|       | 128                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               | П        |
|       | 129                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 130                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 131                                                                                                   |          | _        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | _        | _            | <u> </u>     | <u> </u>                                         | <u> </u>      | Щ        |
|       | 132                                                                                                   |          | <u> </u> | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _        | _            | _            |                                                  | -             | Щ        |
|       | 134                                                                                                   |          | -        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _        | -            | -            | _                                                | -             |          |
|       | 134                                                                                                   |          | $\vdash$ | ├                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\vdash$ | $\vdash$     | ⊢            | $\vdash$                                         | $\vdash$      | Н        |
|       | 135<br>136.<br>137                                                                                    |          |          | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ┢┈       | -            |              | <del>                                     </del> | <del> -</del> | Н        |
|       | 137                                                                                                   |          | $\vdash$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | $\vdash$     | $\vdash$     | $\vdash$                                         |               | П        |
|       | 138<br>139                                                                                            |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 139                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 140                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 141                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <u> </u> |              | _            | <u> </u>                                         |               | Ш        |
|       | 142                                                                                                   |          | _        | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u> </u> | _            | _            | _                                                | $\vdash$      | Н        |
|       | 143                                                                                                   |          | _        | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _        | $\vdash$     | _            | H                                                |               | Н        |
|       | 145                                                                                                   |          |          | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -        | -            | -            | $\vdash$                                         | $\vdash$      | H        |
|       | 146                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -        | -            | H            | Н                                                | H             | $\dashv$ |
|       | 147                                                                                                   |          |          | Т                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Н        | Г            |              | Н                                                |               | Н        |
|       | 148                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 149                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |              |              |                                                  |               |          |
|       | 150                                                                                                   |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | Ŀ.           |              |                                                  |               |          |